

Claims

1. A composition for conditioning water comprising an alkali metal phosphate in an amount between about 10 and 50 weight percent and sodium hydrosulfite in an amount between about 1 and 20 weight percent.
2. The composition of claim 1, wherein the balance of the composition is water in an amount between about 20 and 90 weight percent.
3. The composition of claim 1, wherein the alkali metal phosphate is selected from the group consisting of monopotassium phosphate, monosodium phosphate and disodium phosphate.
4. The composition of claim 3, wherein the alkali metal phosphate is monopotassium phosphate in an amount between about 20.5 and 31.0 weight percent.
5. The composition of claim 2, further including an alkali metal hydroxide in an amount between 1 and 20 weight percent.
6. The composition of claim 5, wherein the alkali metal hydroxide is selected from the group consisting of sodium hydroxide and potassium hydroxide.
7. The composition of claim 6, wherein the alkali metal hydroxide is sodium hydroxide in an amount between about 1.5 and 7.5 weight percent.
8. The composition of claim 2, wherein the water is deionized water in an amount between about 56 and 73 weight percent.
9. The composition of claim 1, further including a preservative in an amount between about 0.1% to 0.6% weight percent.
10. The composition of claim 1, further including sodium carbonate.
11. The composition of claim 5, wherein the alkali metal phosphate is monopotassium phosphate and the alkali metal hydroxide is sodium hydroxide.
12. The composition of claim 11, wherein monopotassium phosphate is present in an amount between about 20.5 and 31.0 weight percent, sodium hydroxide is present in an amount between about 1.5 and 7.5 weight percent and deionized water is present in an amount between about 56 and 73 weight percent.
13. The composition of claim 1, wherein said composition has a pH ranging from between about 6.5 and 7.5.
14. The composition of claim 1, wherein said composition is in the form of a gel capsule.

15. The composition of claim 1, wherein sodium hydrosulfite is present in an amount of about 5 weight percent.

16. A system for conditioning water comprising an alkali metal phosphate in an amount between about 10 and 50 weight percent and an alkali metal sulfite
5 in an amount between about 1 and 20 weight percent.

17. The composition of claim 16, wherein the alkali metal sulfite is selected from the group consisting of sodium hydrosulfite, potassium hydrosulfite, calcium hydrosulfite, sodium metabisulfite and sodium thiosulfate.

18. The composition of claim 17, wherein the alkali metal phosphate is
10 selected from the group consisting of monopotassium phosphate, monosodium phosphate and disodium phosphate.

19. The composition of claim 16, further including an alkali metal hydroxide in an amount between 1 and 20 weight percent.

20. The composition of claim 18, further including at least one of sodium
15 hydroxide and potassium hydroxide in an amount between about 1 and 20 weight percent.

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